

CREME96 ROADMAP

For orbit inside Earth's magnetosphere, start here:

For orbits at or beyond geosynchronous, start here:

Auxiliary Programs you may wish to run:

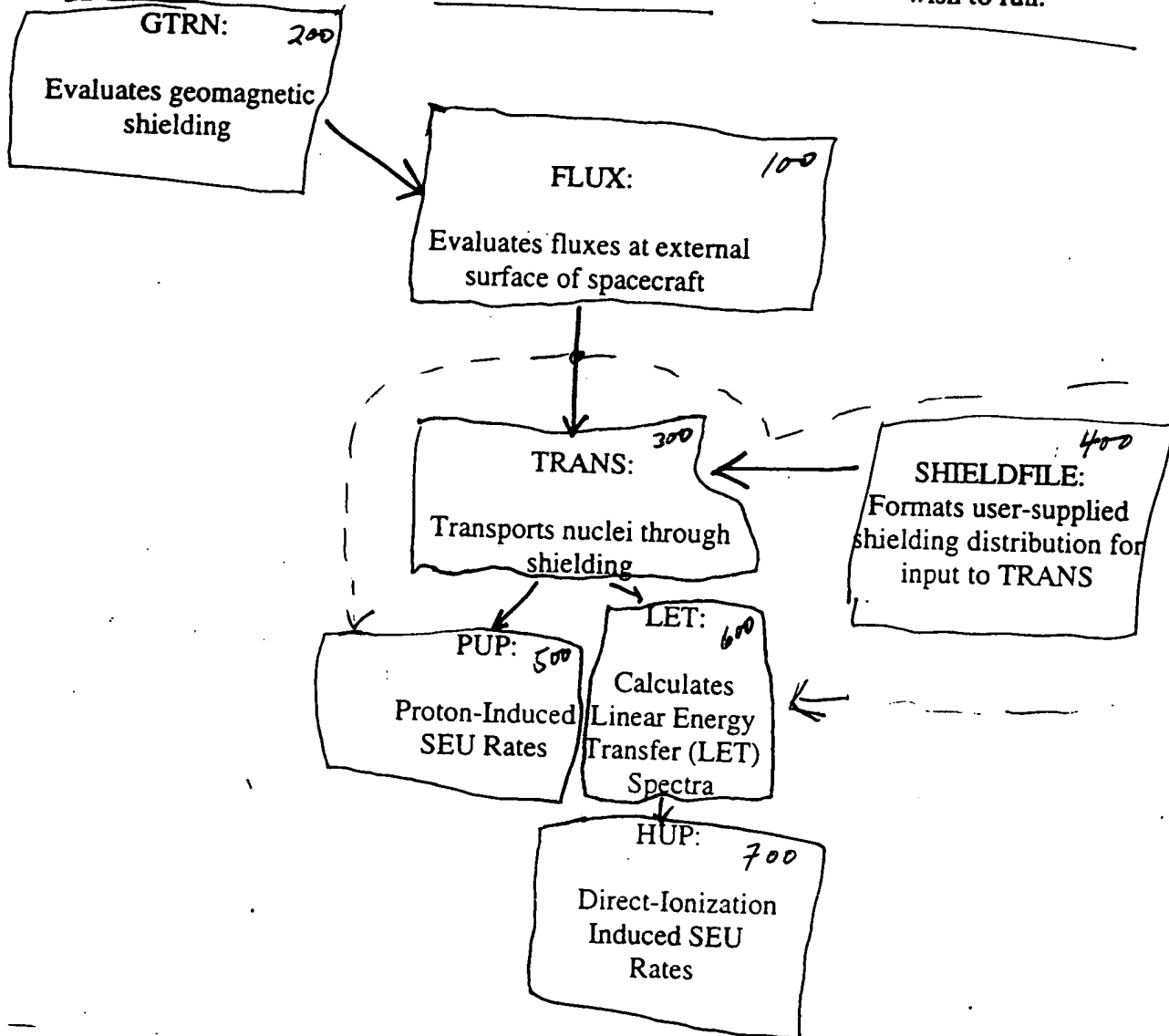


FIG. 1

Figure 10

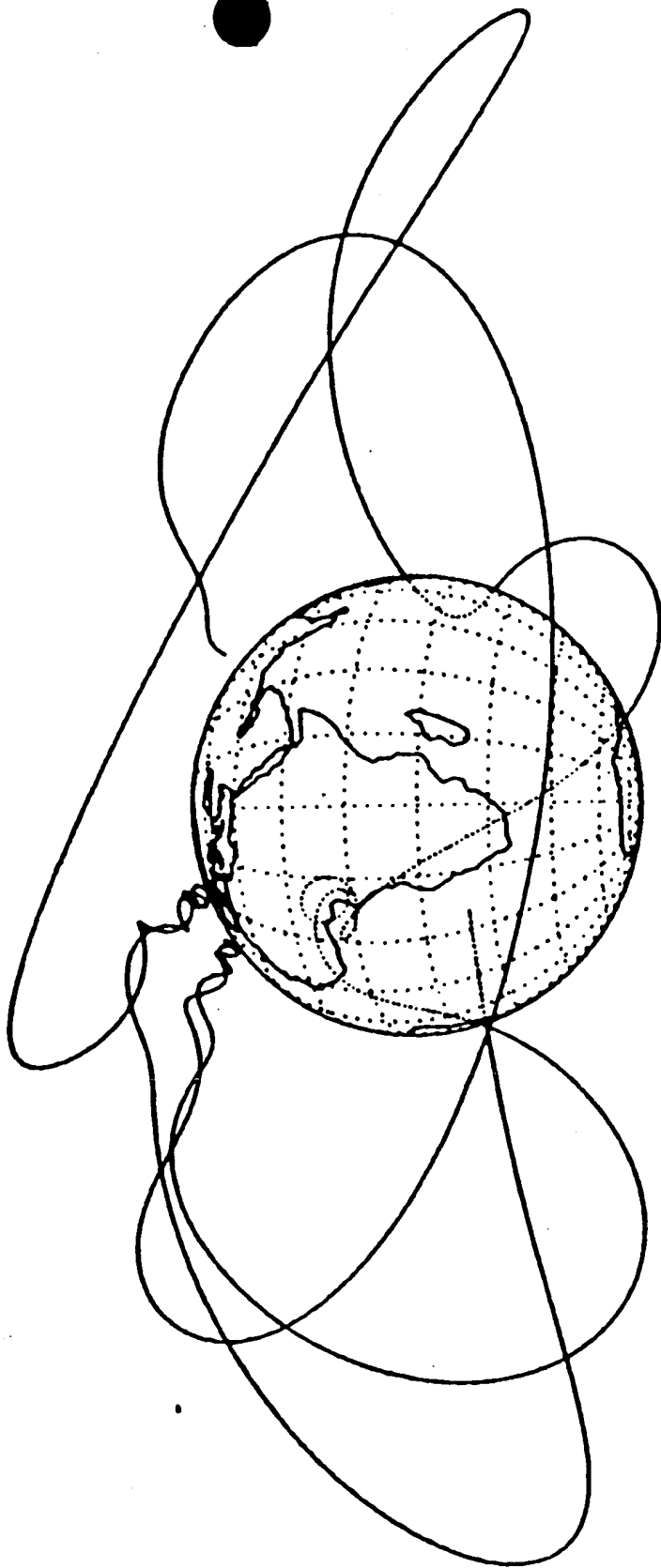


Fig. 5.1 This figure shows the computed trajectory of a cosmic ray in the earth's magnetic field. Such complex trajectories are not unusual for cosmic rays in the penumbral shadow near the Stormer cutoff (Lund, 1980).

Fig. 2

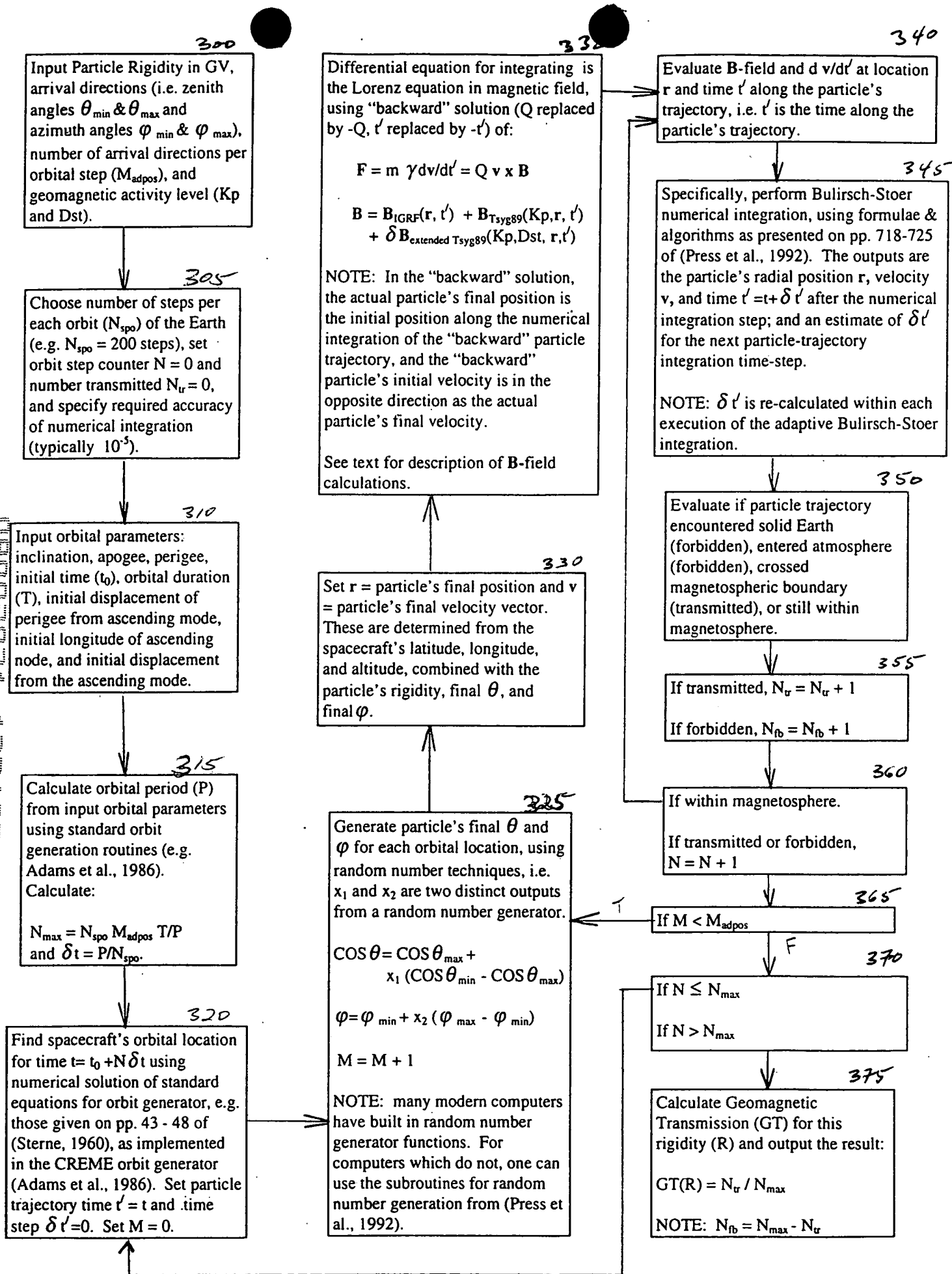


FIG. 3

Figure 1 is a log-linear plot showing the Geomagnetic Transmission Function versus Magnetic Rigidity (GV) for a quiet magnetosphere at an inclination of 28.5° . The y-axis is logarithmic, ranging from 10^{-6} to 10^0 . The x-axis is linear, ranging from 0 to 20 GV. The curve starts at approximately 2.5 GV and rises steeply, reaching a value of 10^{-1} at 10 GV and approaching 10^0 as rigidity increases towards 20 GV.

$F_{16} \quad 4$

26 FEB 71 10 20 00

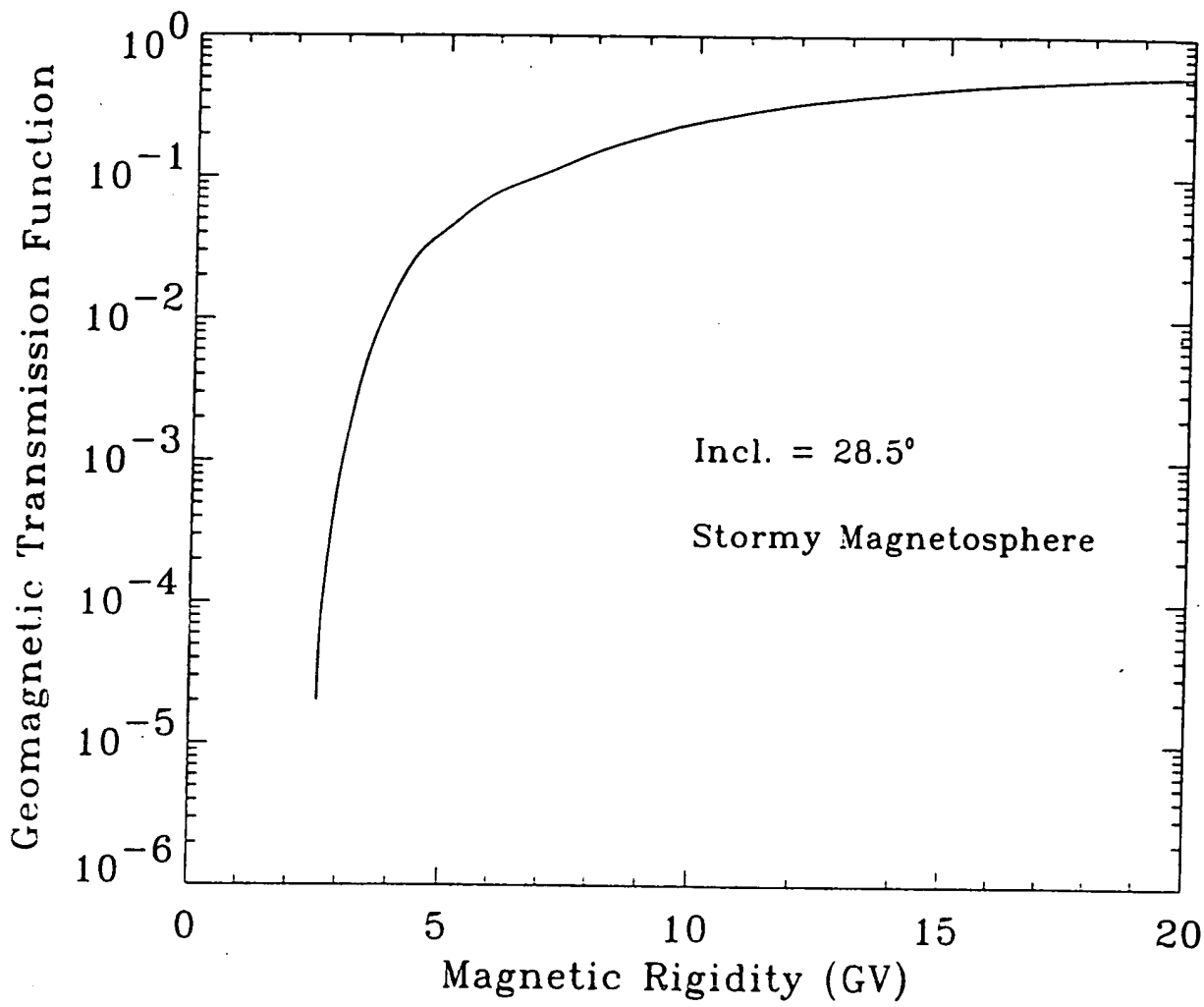


FIG. 5

~~Figure~~ A2

060020034-12197

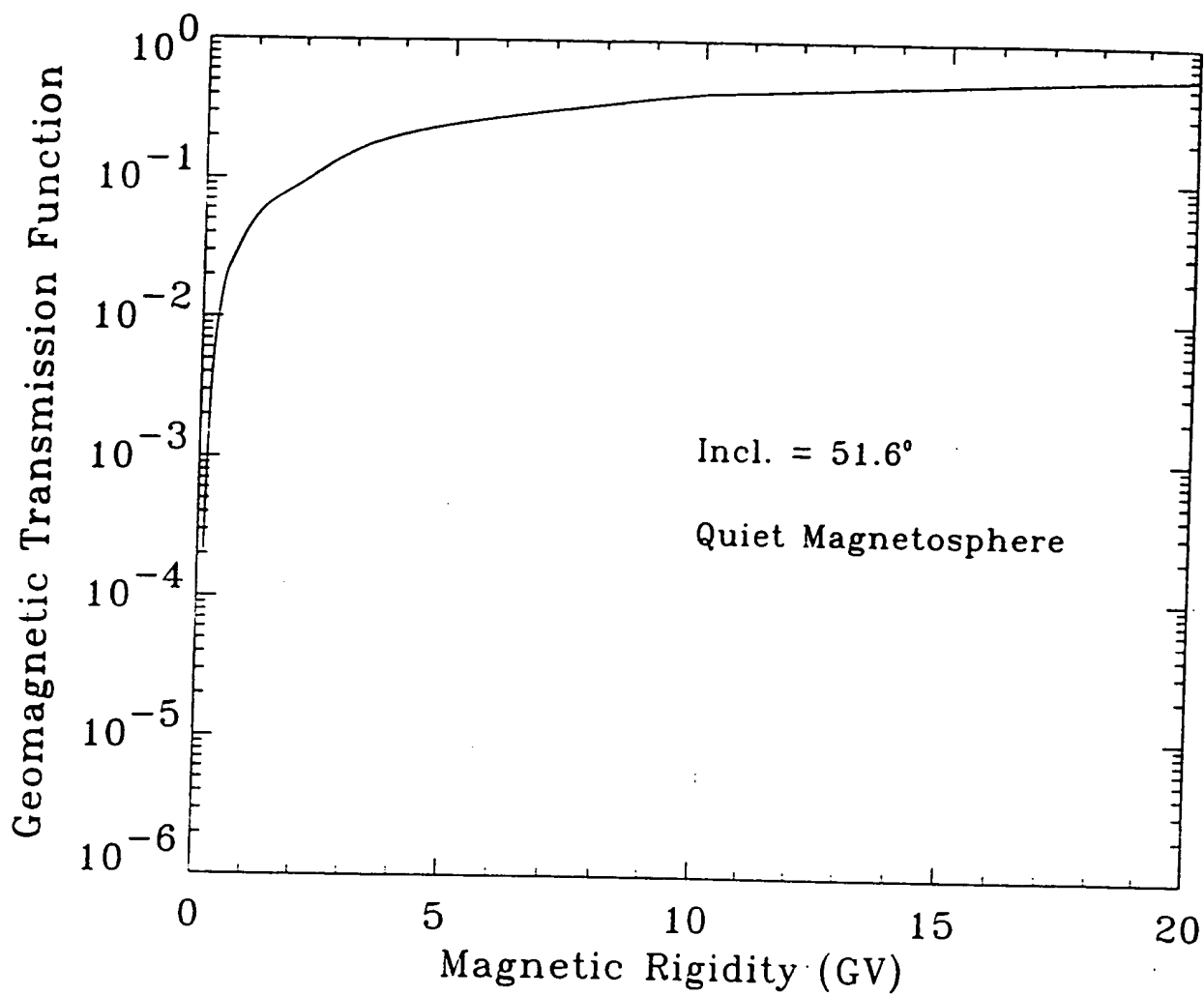


FIG. 6

Figure A3

09002001.423197
26 FEB 77 1020060

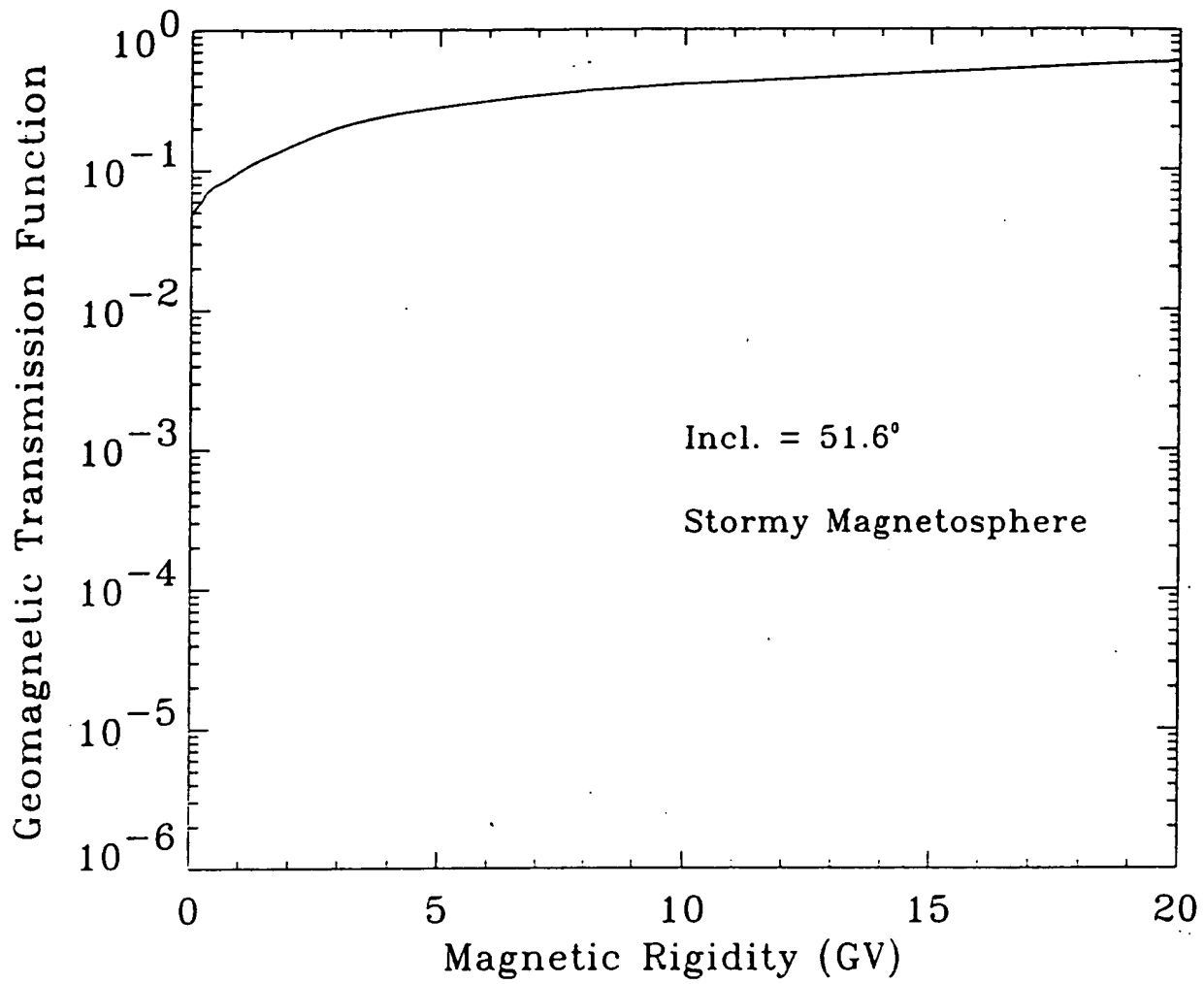


Fig. 7

~~Figure~~ A4

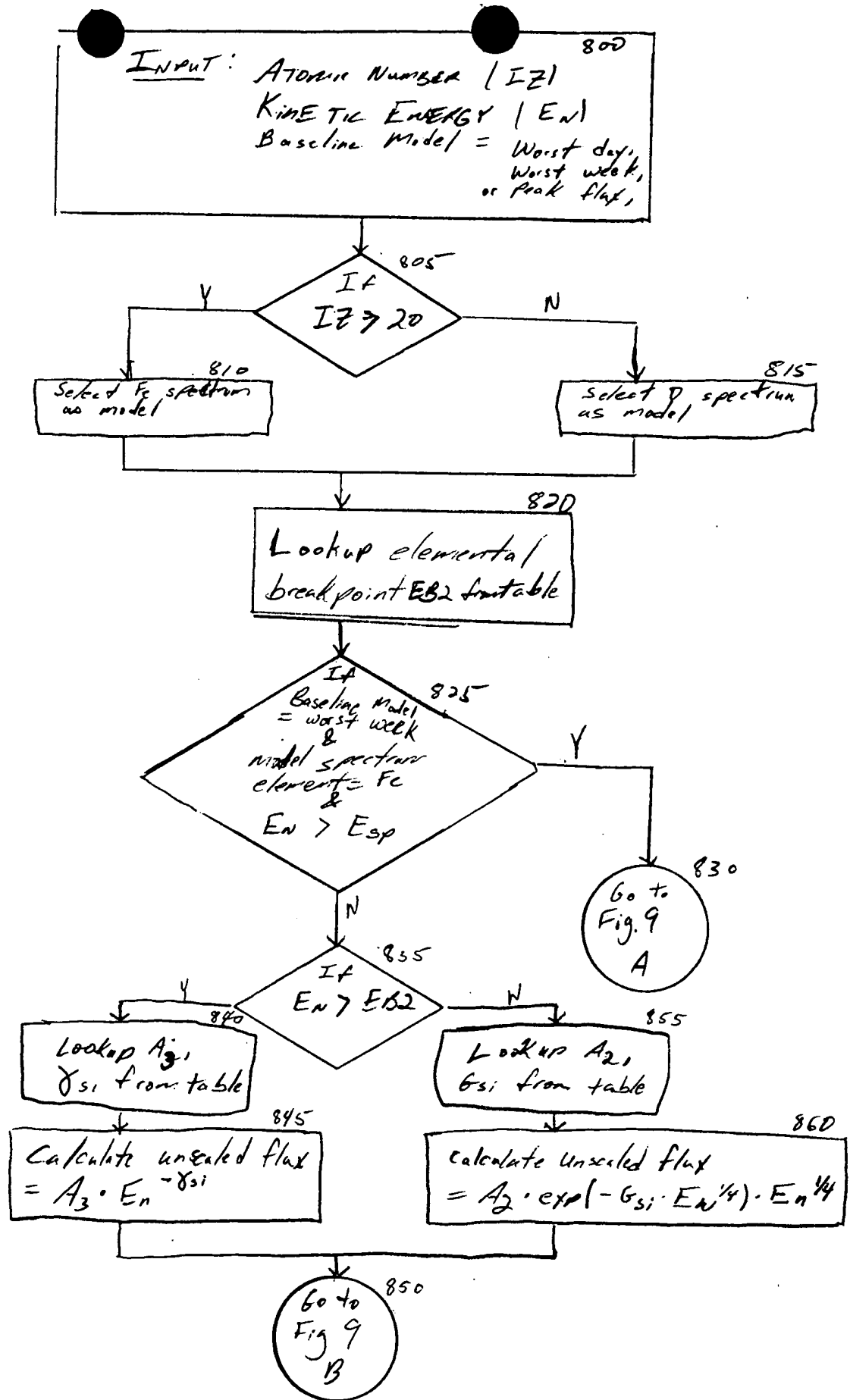


FIG 8

09002031.123197

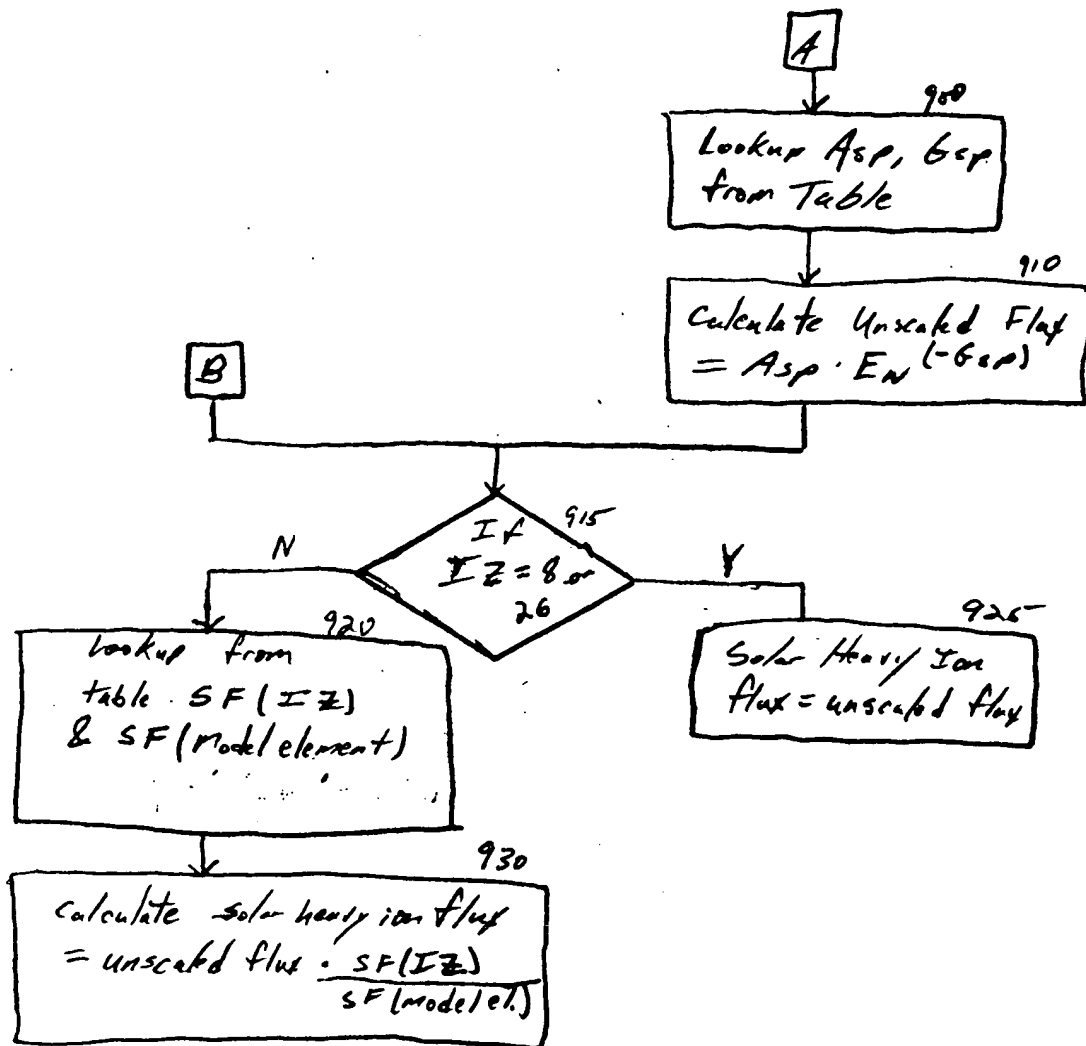


FIG. 9

CREME96 Main Menu

See brief instructions at the bottom of this page. See How to Run CREME96 for more details.

GO		RESET FORM	
Routine	User Request File list	Edit User Request File	Run Routine
TPS	<input type="text"/>	<input type="radio"/>	<input type="checkbox"/>
GTRN	<input type="text"/>	<input type="radio"/>	<input type="checkbox"/>
FLUX	<input type="text"/>	<input type="radio"/>	<input type="checkbox"/>
TRANS	<input type="text"/>	<input type="radio"/>	<input type="checkbox"/>
LETSPEC	<input type="text"/>	<input type="radio"/>	<input type="checkbox"/>
PUP	<input type="text"/>	<input type="radio"/>	<input type="checkbox"/>
HUP	<input type="text"/>	<input type="radio"/>	<input type="checkbox"/>
UTILITIES (create plots, perform downloads, etc.)			<input type="checkbox"/>

1. To **CREATE** a User Request File:

- Click on the Edit button by the corresponding routine, leaving the User Request File blank. (If necessary, use the blank space in the pull-down menu to clear a name already typed there.)
- Click on the "GO" bar.

2. To **EDIT** an existing User Request File:

- Click on the Edit button by the corresponding routine.
- Select a User Request File from the appropriate pull-down menu.
- Click on the "GO" bar.

3. To **RUN** one or more routines:

- If an Edit button has been clicked "on", use the RESET bar to clear it.
- Select User Request File(s) from the appropriate pull-down menu(s).
- Click on the RUN button(s) in that line(s)
- Click on the "GO" bar.

4. To access **CREME96 Utilities**:

- Click on the RUN button on that line
- Click on the "GO" bar.

Note: You can create or edit only one User Request File at a time. But you can submit several files for running (sequentially, in the order shown in the table) by checking more than one "RUN" button and then clicking on the "GO" bar.

Questions? Comments? Send mail to tylka@crs2.nrl.navy.mil.

You may terminate your CREME96 session at any time.

FIG. 10

Figure 3